



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090178-B

Mode: Highway

Status: Submitted

(Spring Lake Bypass)

From/Cross Street: NC 210 (Murchison Road) North of Spring Lake

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: NC 87 (Bragg Boulevard)

Project Category: Division Needs

Length: 1.08

TIP#: FS-1106A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,936,000

Description:

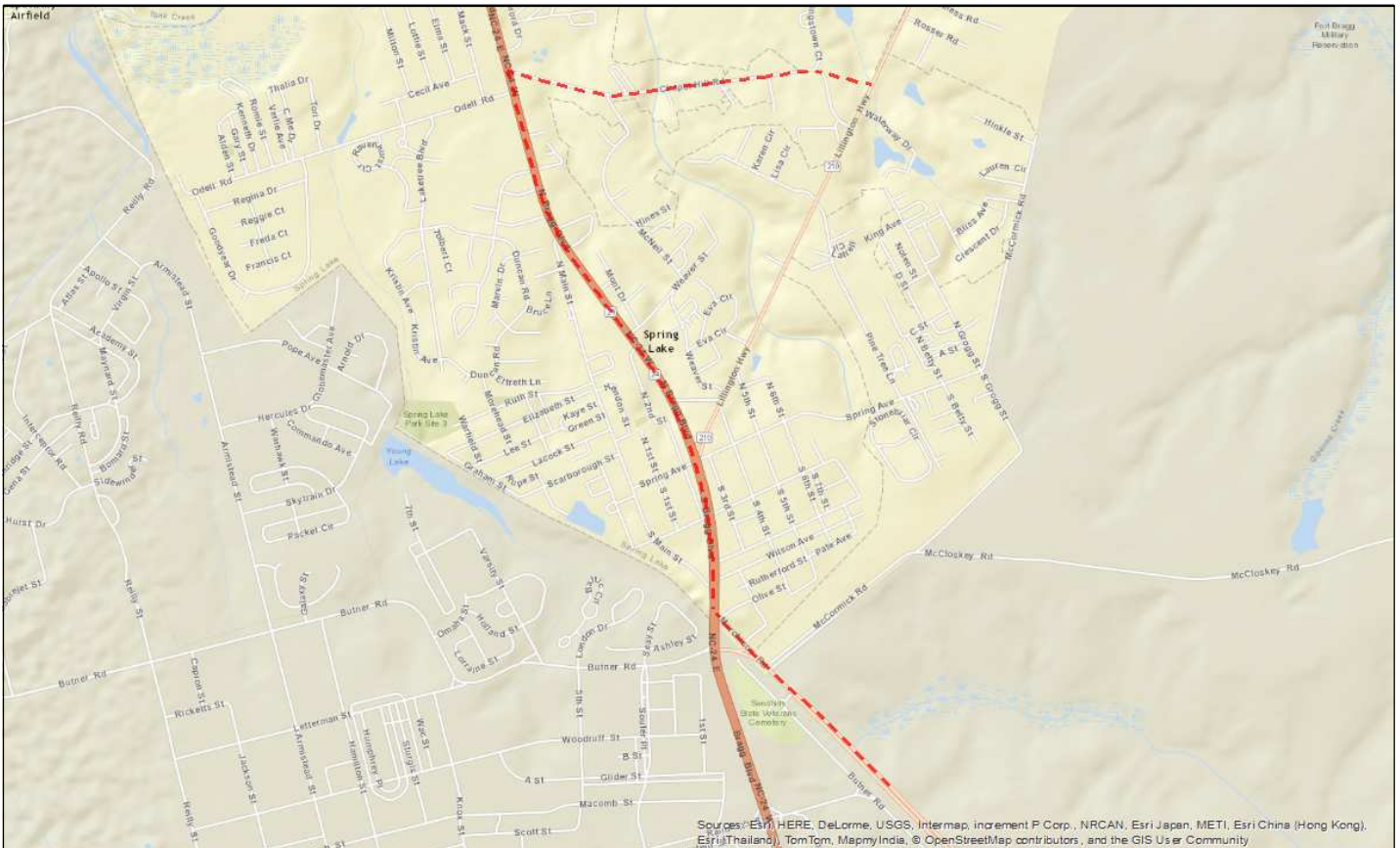
Construct Multi-Lane Facility, Part on New Location

Division(s): Division 6

County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 75.37

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 38.74 Safety (10%) 63.47 Congestion (V/C) (20%) 68.88 Totals: Weight: 50% Weighted Score: 27.87	Percent: 25% Points: 90	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	43
Length (miles):	2.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	33112.92
Capacity:	35713.18
Volume/Capacity Ratio:	0.93
% Autos:	95%
% Trucks:	5%
Truck Volume:	1580.25
Crash Density:	76.64
Crash Severity:	52
Critical Crash Rate:	61.79
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	71
Actual Congested Speed:	43.29
Travel Time Index:	1

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.08
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	18880469.44
Travel Time Savings for 30 Years (Autos):	17979433.62
Travel Time Savings for 30 Years (Trucks):	901035.82
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	90
	0%	0	0
	0%	0	0
TOTAL Division Points		0	90

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$8,255,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,394,000	Cost Estimation Tool
Utilities Cost:	\$287,000	Cost Estimation Tool
Total Project Cost:	\$10,936,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$10,936,000	